

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
14 August 2003 (14.08.2003)

PCT

(10) International Publication Number
WO 2003/065859 A3

(51) International Patent Classification⁷: **A47J 31/40**

(21) International Application Number:
PCT/US2003/003075

(22) International Filing Date: 3 February 2003 (03.02.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
10/071,643 7 February 2002 (07.02.2002) US

(71) Applicant: **THE COCA-COLA COMPANY** [US/US];
Patent Department, One Coca-Cola Plaza, NW, Atlanta,
GA 30313 (US).

(72) Inventor: **GREEN, Charles, Bradley**; 1077 Cedar Oak
Court, Lawrenceville, GA 30043 (US).

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE,
SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC,
VN, YU, ZA, ZM, ZW.

(84) Designated States (*regional*): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI,
SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG).

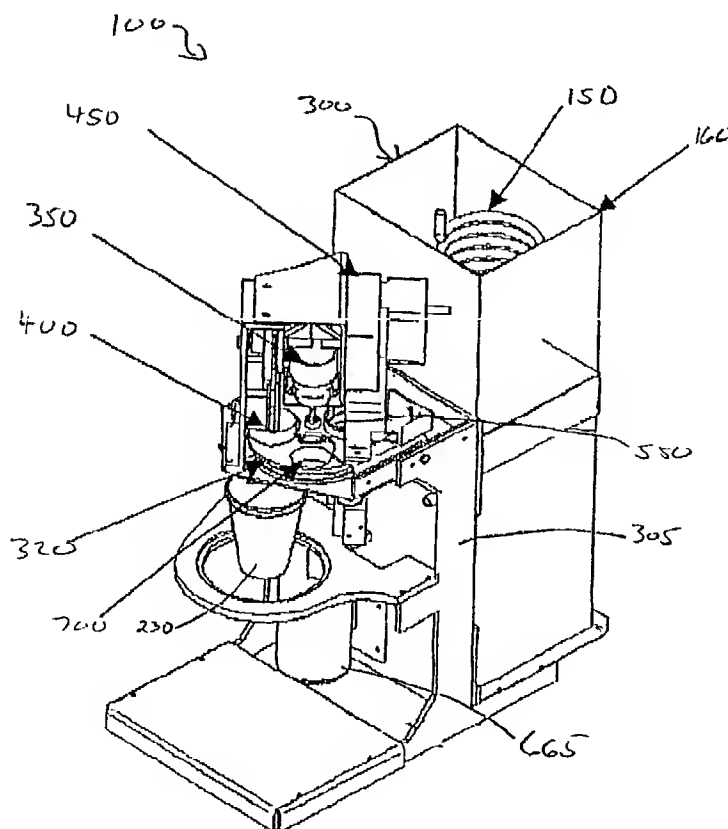
(74) Agents: **WARREN, Daniel, J.** et al.; Sutherland Asbill
& Brennan LLP, 999 Peachtree Street, NE, Atlanta, GA
30309-03996 (US).

Declarations under Rule 4.17:

— *as to applicant's entitlement to apply for and be granted a
patent (Rule 4.17(ii)) for all designations*

[Continued on next page]

(54) Title: COFFEE AND TEA DISPENSER



(57) Abstract: A beverage system for
brewing a beverage from a beverage
material and a source of hot, pressurized
water. The beverage system may include a
cartridge with the beverage material therein.
The cartridge may include a seal positioned
about the beverage material. The beverage
system also may include an injection system
for injecting the hot, pressurized water into
the cartridge so as to brew the beverage
from the beverage material.

WO 2003/065859 A3



- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations*

(88) **Date of publication of the international search report:**
31 December 2003

Published:

- *with international search report*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 03/03075

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A47J31/40

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A47J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	FR 2 617 389 A (DESALTERA) 6 January 1989 (1989-01-06) the whole document ---	1-5, 44-46 6-10, 47-51
X	US 2 968 560 A (NATHAN GOROS) 17 January 1961 (1961-01-17) the whole document ---	1-5, 44-46
X	US 5 472 719 A (FAVRE ERIC) 5 December 1995 (1995-12-05) the whole document ---	1-5, 44-46
X	US 2001 052 294 A1 (SCHMED ARTHUR) 20 December 2001 (2001-12-20) the whole document -----	1-5

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

15 May 2003

Date of mailing of the international search report

01.08.03

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Fritsch, K

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US 03/03075

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-10, 44-51

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 03/03075

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
FR 2617389	A	06-01-1989	NONE	

US 2968560	A	17-01-1961	DE 1404799 A	12-12-1968
			FR 1248283 A	09-12-1960
			GB 938617 A	02-10-1963

US 5472719	A	05-12-1995	AT 400291 B	27-11-1995
			AU 650064 B	09-06-1994
			AU 8720191 A	26-05-1992
			BE 1006165 A	31-05-1994
			CA 2072367 A,C	01-05-1992
			CH 682909 A	15-12-1993
			CH 688686 A	15-01-1998
			WO 9207775 A	14-05-1992
			DE 4192762 C	19-09-2002
			DE 4192762 T	28-01-1993
			DK 85792 A	30-06-1992
			EP 0507905 A	14-10-1992
			ES 2085823 A	01-06-1996
			FR 2668451 A	30-04-1992
			GB 2255494 A,B	11-11-1992
			IT 1250066 B	30-03-1995
			JP 8032249 B	29-03-1996
			JP 5502817 T	20-05-1993
			LU 88131 A	15-02-1993
			NL 193790 B	03-07-2000
			NL 9120010 T	01-10-1992
			PT 99373 A,B	31-01-1994
			SE 513548 C	02-10-2000
			SE 9201946 A	24-06-1992

US 2001052294 A		20-12-2001	AT 225627 T	15-10-2002
			AU 4621101 A	20-12-2001
			BR 0102375 A	19-02-2002
			CA 2348252 A	14-12-2001
			CN 1328804 A	02-01-2002
			CZ 20011814 A	16-01-2002
			DE 50100037 D	14-11-2002
			DK 1163869 T	10-02-2003
			EP 1163869 A	19-12-2001
			ES 2184726 T	16-04-2003
			HU 0102449 A	28-01-2002
			JP 2002028080 A	29-01-2002
			PL 348078 A	17-12-2001
			PT 1163869 T	28-02-2003
			TR 200201609 T	21-08-2002
